

REMARKS**INTRODUCTION:**

In accordance with the foregoing, claims 8, 10, 12, 15 and 16 have been canceled without prejudice or disclaimer, and claims 1, 5, 6, 10, 20, 22 and 24 have been amended. No new matter is being presented, and approval and entry are respectfully requested.

Claims 1, 3, 5-6, 8-11, 15-20, 22 and 24 are pending and under consideration. Reconsideration is respectfully requested.

REJECTION UNDER 35 U.S.C. §112:

In the Office Action, at page 2, numbered paragraph 2, claims 1, 20, 22 and 24 were rejected under 35 U.S.C. §112, second paragraph, for the reasons set forth therein. This rejection is traversed and reconsideration is requested.

Claims 1, 20, 22 and 24 have been amended to change "the hole transport material" to "a hole transport material" and to change "the electron transport material" to "an electron transport material."

Thus, claims 1, 20, 22, and 24 are now submitted to be definite and in allowable form under 35 U.S.C. §112, second paragraph.

CLAIM OBJECTIONS:

Claims 5 and 6 were objected to as depending from a cancelled claim.

Claims 5 and 6 have been amended to depend from claim 1. In view of the amendments to claims 5 and 6 set forth above, the outstanding objections to claims 5 and 6 should be resolved.

REJECTION UNDER 35 U.S.C. §103:

In the Office Action, at pages 2-3, numbered paragraph 5, claims 1, 3, 5, 6, 8-12, 15-20, 22 and 24 were rejected under 35 U.S.C. §103(a) as being unpatentable over Takeuchi (2002/0025484); hereafter, Takeuchi). The reasons for the rejection are set forth in the Office Action and therefore not repeated. The rejection is traversed and reconsideration is requested.

Independent claims 1, 20, 22 and 24 have been amended to include the following:

"wherein the photosensitive layer is a structure in which a charge generating material, an electron transport material, a hole transport material and a binder resin O-PET are included, and
wherein the charge generating material in the photosensitive layer is at least one

selected from the group consisting of titanyl phthalocyanine, azo pigment, quinone pigment, perylene pigment, indigo pigment, bisbenzoimidazole pigment, quinacridone pigment, azulonium dye, squarylium dye, pyrylium dye, triarylmethane dye, cyanine dye, amorphous silicon, amorphous selenium, trigonal selenium, tellurium, selenium-tellurium alloy, cadmium sulfide, antimony sulfide, and zinc sulfide."

Also, independent claims 1, 20, 22, and 24 have been amended to recite that the binder resin in the undercoating is polyamide.

Claims 8, 10, 12, 15 and 16 have been cancelled without prejudice or disclaimer.

O-PET is a polyester resin having a biphenylene-fluorene unit in its main chain. The present invention improves the electrical properties of the organic photoreceptor by adding a charge transport material, which has good compatibility with the photosensitive layer using O-PET as the binder resin, to the undercoating layer.

It is respectfully submitted that Takeuchi does not disclose improving the electrical properties of the organic photoreceptor by adding a charge transport material, which has good compatibility with the photosensitive layer using O-PET as the binder resin, to the undercoating layer. In contrast, the present claimed invention, as recited in amended independent claims 1, 20, 22 and 24, improves the electrical properties of the organic photoreceptor by adding a charge transport material, which has good compatibility with the photosensitive layer, using O-PET as the binder resin, to the undercoating layer (see Table 2 and paragraphs [0058]-[0059]).

Hence, it is submitted that different chemical substances are utilized in Takeuchi and in the present claimed invention, and that amended claims 1, 20, 22, and 24 are non-obvious and patentable under 35 U.S.C. §103(a) over Takeuchi (2002/0025484). Since claims 3, 5-6, 9-11, and 17-19 depend from amended claim 1, claims 3, 5-6, 9-11, and 17-19 are submitted to be non-obvious and patentable under 35 U.S.C. §103(a) over Takeuchi (2002/0025484) for at least the reasons amended claim 1 is non-obvious and patentable under 35 U.S.C. §103(a) over Takeuchi (2002/0025484).

CONCLUSION:

In accordance with the foregoing, it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot, and further, that all pending claims patentably distinguish over the prior art. Thus, there being no further outstanding objections or rejections, the application is submitted as being in condition for allowance which action is earnestly solicited.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited by the Examiner contacting the undersigned attorney for a telephone interview

to discuss resolution of such issues.

If there are any underpayments or overpayments of fees associated with the filing of this Amendment, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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